DECLARATION AND POWER OF ATTORNEY PATENT APPLICATION

ATTORNEY'S DOCKET NO. 13786

As below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name.

I verily believe I am the original, first and sole or joint inventor (if plural, inventors are named below) of the invention entitled:

	RNS ON SUBSTRA	PTICAL APPLICATION TES	ONS OF CRYSTALL	<u>INE</u>			
(check one)	⊠ is att	☐ is attached hereto.					
	Applio	filed on a ation Serial No mended on					
hereby state that I have reviewed and understood the contents of the above identified specification and drawings, including the claims. acknowledge the duty to disclose information which is known to be material to the examination of this application to the Patent Office in accordance with Title 37, Code of Federal Regulations, § 1.56. hereby state that I do not know and do not believe that the invention which is the content of the above specification, claims and drawings was ever known or used in the United States of America before my invention thereof, or the patented or described in any printed publication in any country before my invention thereof or more than one (1) year prior to this application, that the same has not in public use or on sale in the United States of America more than one (1) year prior to this application, that the invention has not been patented or made the subject of the inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve (12) thouths prior to this application; and as to applications for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representative or assigns. In on such applications have been filed, or							
EARLIEST FOREIGN APPLICATION(S),IF ANY, FILED WITHIN 12 MONTHS PRIOR TO THIS APPLICATION							
COUNTRY CLAIMED	APPLICATION NO.	DATE OF FILING (DAY, MO.,YR.)	DATE OF ISSUE (DAY, MO.,YR.)	PRIORITY UNDER 35 USC 119			
				YES NO			
ALL FOREIGN APPLICATIONS, IF ANY, FILED MORE THAN 12 MONTHS PRIOR TO THIS APPLICATION							
PROVISIONAL APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS OF THIS APPLICATION							
COUNTRY CLAIMED	APPLICATION NO.	DATE OF FILING (DAY, MO.,YR.)	DATE OF ISSUE (DAY, MO.,YR.)	PRIORITY UNDER 35 USC 120			
US	60/240,055	10/16/2000		YES ⊠ NO □			
US	60/253,081	11/28/2000		YES ⊠ NO □			
US	60/296,119	07/07/2000		YES⊠ NO □			

POWER OF ATTORNEY: As a named inventor, I hereby appoint the attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from Lynn C. Schumacher as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the person's from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

RALPH A. DOWELL REG. NO. 26,868

LYNN C. SCHUMACHER REG. NO. 36,413 NANCY E. HILL

REG. NO. 41,564

DIRECT TELEPHONE CALLS AND SEND CORRESPONDENCE TO:

REG. NO. 28,070

DOWELL & DOWELL, P.C. PTO CUSTOMER NO. 000293

1215 Jefferson Davis Highway, Suite 309

Arlington, Virginia 22202

A. YATES DOWELL, III

(703) 415-2555

1700/11	<u> </u>			
	FULL NAME OF INVENTOR	FAMILY NAME Ozin	FIRST GIVEN NAME Geoffrey	SECOND GIVEN NAME Alan
201	RESIDENCE & CITIZENSHIP	CITY Toronto	STATE OR FOREIGN COUNTRY Ontario, Canada	COUNTRY OF CITIZENSHIP Canada
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 63 Gormley Avenue	CITY Toronto	STATE & ZIP CODE/COUNTRY Ontario, M4V 1Y9 Canada
our than trail that the	FULL NAME OF INVENTOR	FAMILY NAME Yang	FIRST GIVEN NAME San	SECOND GIVEN NAME Ming
202	RESIDENCE & CITIZENSHIP	CITY Toronto	state or foreign country Ontario, Canada	COUNTRY OF CITIZENSHIP Hong Kong
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 161 St. George Street, Apt. 702	CITY Toronto	STATE & ZIP CODE/COUNTRY Ontario, M5R 2M3 Canada
4	FULL NAME OF INVENTOR	FAMILY NAME Fernandez	FIRST GIVEN NAME Hernan	SECOND GIVEN NAME
203	RESIDENCE & CITIZENSHIP	CITY Toronto	STATE OR FOREIGN COUNTRY Ontario	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY Toronto	STATE & ZIP CODE/COUNTRY Ontario Canada

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE